

Leo Hemphill Becomes First 25-Year Veteran For 1968; Others Will Choose Their Watches



Leo F. Hemphill

Power Squadron Offers Free Boating Courses

Free boating classes will be conducted by the Oak Ridge Power Squadron beginning Wednesday, March 27.

The small boat handling and safety courses will be held in Room 206 of the Oak Ridge High School, and will begin at 7:30 p.m.

Information covered will include rules and regulations, safety afloat, seamanship, compass, charts and river piloting.

NOT EVEN A POT

'We've never got 'round to smoking pot. . . . And from what we've heard, we'd rather not.'

SAFETY SCOREBOARD

The Y-12 Plant Has Operated 81 Days Or 2,450,000 Man-Hours
(Unofficial Estimate)
Through March 17 Without a Disabling Injury
Safety At Home At Work, At Play

Y-12 sees its first 'old-timer' early this year . . . Friday, March 22. That's when Leo F. Hemphill, Engineering Division, observes his silver anniversary with Union Carbide Corporation.

And, further, Hemphill's has all been in the nuclear business . . . Oak Ridge connected. (He hired in with Tennessee Eastman March 22, 1943 . . . thinking he was going to Rochester, New York. Actually he went to California for special training . . . and came to the hills of East Tennessee June 7, 1943.)

Hemphill holds the lowest badge in the plant . . . number 54.

A native of Chicago, the engineer holds a degree from Armour Tech, Illinois Institute of Technology. Mrs. Hemphill is the former Elinor J. Klimek, also of Chicago. They have five children, and live at 75 Outer Drive, Oak Ridge.

Meanwhile, some 150 other Y-12ers are selecting their watches which will mark their 'old-time' status with Union Carbide. The watches are on display in the Benefits Plans Office in the Administration Building and will remain there through Monday, March 25. All 25-year veterans (those who become such this year) are selecting the type of time-piece they wish.

There are forms to be filled out relative to the inscription employees wish on their watch.

May will see three Y-12ers become old-timers . . . June will see five . . . and after July the numbers increase rapidly.

Most of the old-timers coming up will be veterans of all-Oak Ridge service. Times does march on!

Biology's Volkin Speaker At Physics Seminar

K. E. Volkin, Biology Division, will speak at this week's Physics Division seminar. His subject will be "The Discovery of Messenger RNA."

The seminar is set for Friday, March 22, at 3:15 p.m. in the East Auditorium of ORNL's 4500 building.



HARRY C. HOY JR., ASSEMBLY, center, is congratulated by Y-12 Deputy Superintendent J. M. Case, left, and Division Superintendent H. H. Stoner, right. Hoy recently received a Certificate of Appreciation from the U. S. Atomic Energy Commission for his part in the development of the "Electrical Safety Guides for Research," soon to be published.

Society For Metals Meets Tonight In OR

The American Society for Metals meets tonight, Wednesday, March 20, at the Oak Ridge Country Club. The dinner meeting begins with a social hour at 6:30 p.m.

Dr. Morris E. Fine, Northwestern University, will speak on "Precipitation Hardening in Ceramics."

All ASM members and interested guests are invited to attend the meeting.

HIGH COST OF LIVING

Inflation has been defined as that time when money doesn't talk anymore . . . it merely apologizes.

TAKE THE CASH

Definition of a family man: One who has substituted snapshots for cash in his wallet.

Assembly's Hoy Receives AEC Appreciation Certificate

Harry C. Hoy, Assembly Division, has received a Certificate of Appreciation from the Atomic Energy Commission.

The citation reads: "Awarded to Harry C. Hoy for his contribution as a member of the Electrical Safety Guides Committee in the development of the 'Electrical Safety Guides for Research' which provide valuable information and safety guidance for direct application in the many United States Atomic Energy Commission research activities where specialized research apparatus are used."

The citation is signed by Martin B. Biles, Director of the Division of Operational Safety of the AEC.

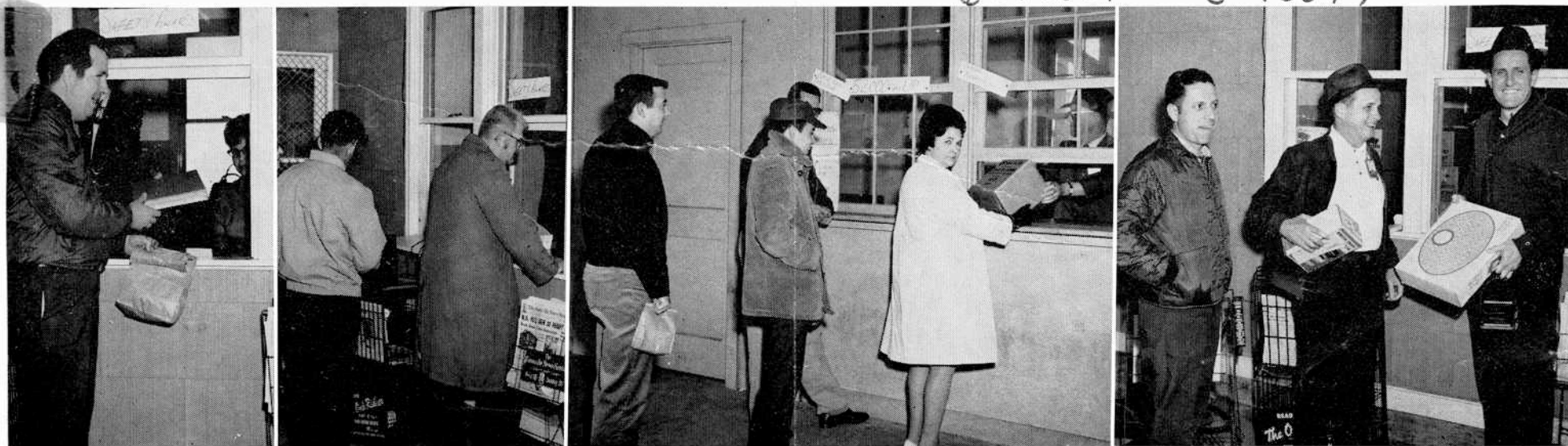
In an accompanying letter Biles states:

"It is my pleasure to extend to you the sincere appreciation of the Atomic Energy Commission for your work on and contributions to the development of the 'Electrical Safety Guides for Research' to be published in the near future.

"I feel confident that these safety guides will serve a very useful purpose in helping to reduce the risks of both electrical injury to scientific and technical personnel and electrical accidents to costly research apparatus employed in the fields of high energy research with which you are associated.

"Publication of the Committee's work will, for the first time, pro-

continued on Page 4



Y-12ERS COLLECTED THEIR SAFETY AWARDS for 1967's three accident-free periods last week. The awards, worth \$9 in approximate wholesale costs, covered the periods from December 2, 1966 to March 8, 1967, for

2,730,581 man-hours; April 14, 1967 through August 14, 3,524,372 man-hours and September 28 through December 27 for 2,729,075. The respective periods carried \$2, \$5 and \$2 worth of safety awards. For the

past two years, Y-12 has accumulated their awards rather than take them on a period-by-period basis. So far Y-12 has had no lost-time injuries for 1968. Let's keep up this record.





LOU SAHR WAS CROWNED undisputed women's champion for Y-12 in the recent tournament. She is seen with the three big trophies she took during the competition . . . women's doubles, All Events scratch, and women's singles. Lou is William A. Sahr's wife . . . (Beta Four Heavy Machine Shop), and is a regular bowler in the Y-12 Mixed League, Wednesday nights.

2 ORNL Teams Still Up In Basketball

Basketball play proceeded last week, with the Bombers and Health Physics still sporting unblemished records in the season's second half. The Y-12 Eagles boast a seven win, one loss record thus far.

Action began Monday as the Y-12 Bat Boys battled the Falcons, from K-25, 43 to 35.

Hugh Beeson led scoring with 11 points for the winning combo. Churchill Moore accounted for 15 of the 35 for the losing squad.

Health Physics put win number eight under their belt at the expense of the Sharp Shots, 50 to 42.

Scoring in double figures for the winners were Jim Carter, 16; and Bob Compton, 10; for the losers it was Ed Bailiff, 16; and Phil McCulley, 15.

The Bombers also took a big win Monday night, downing the Y-12 Chargers 60 to 43.

Bob Alred scored 17; Karl Bertis, 16; and Roy Nabors, 13 for the big winners. On the losing team it was Louis DeMarrotta, with 11; assisted by Don Ferree, 10.

Wednesday's action began with a slow-moving battle between the Atoms, Y-12 . . . and ORNL's Radioisotopes. Jim Batch kept the Atoms alive hitting from the outside. The big Atoms however lost the duel 42 to 32. Frank O'Donnell dropped 11 through for the winners, Ron Strange 10.

The Bombers posted a forfeit victory over the TK's . . . 2 to 0.

Final action came as the Y-12 Eagles dropped the Combustion team 67 to 52. This proved to be a good shooting match until the Combustion boys ran out of steam. Combustion usually plays with four starting, the fifth man always showing up late.

The Eagles kept fresh men running in and out and began to move away in the fourth quarter.

Ron Gamrot led scoring with 19; Larry McDonald scored 17. Fred Wetzel took 10 . . . all of the Eagles.

League standings follow:

Team	W	L
Bombers, ORNL	9	0
Health Physics, ORNL	8	0
Eagles, Y-12	7	1
TK's, ORNL	5	3
Radioisotopes, ORNL	4	3
Combustion, ORNL	4	6
Chargers, Y-12	3	5
Atoms, Y-12	3	7
Sharp Shots, ORNL	1	7
K-25 Falcons	1	8
Bat Boys, Y-12	1	8

Shift-Men Prepare Big Crappie Rodeo

E, F, G, H and J Shifts will conduct a fishing rodeo for the next three week-ends at Blue Springs Boat Dock, on Watts Bar Lake.

The Rodeo is set for March 23, 24, 30 and 31 and April 6, 7 . . . from 7 a.m. to 5 p.m. each day.

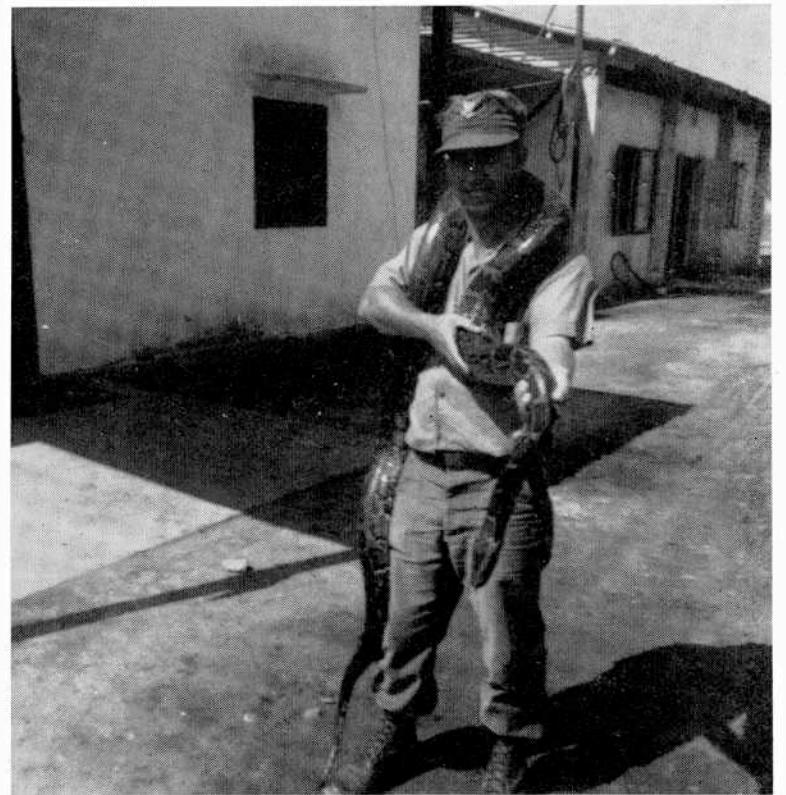
Registration opens at 6:30 a.m. each day and closes at noon. All Carbide employees in Y-12, their spouses and children are eligible to participate in the contest.

Crappie only will be eligible for awards. No other species will be considered in this particular rodeo.

Awards will be distributed after the six-day fishing period is completed. A total of 28 awards will be given, ranging from ice chests to parkas. This is the only fishing rodeo planned by these shifters for the Spring.

The Rodeo is timed just prior to the TVA Spring rise in the lake levels, considered as the ideal time to net the crappie.

Come one, come all, say the E, F, G, H and J Shiftmen.



WELL, THAT'S NOT EXACTLY our idea of R & R . . . but Robert McMillan seems to be enjoying some "off" hours in Vietnam. Radarman McMillan, of Oak Ridge, recently visited his wife Betty in Oliver Springs. Betty's father is V. A. Mattox, Buildings and Grounds. Bob has spent two stints in Southeast Asia . . . one for nine months, one for eight. He returned to San Diego after his recent visit at home, and will probably return to Vietnam in June.

Table Tennis Sees Furious Action

Geoffrey Newman extended his lead in the X Table Tennis League last week with a three-game finish over Bill Motley. Herb Mook downed Loyd Wyatt for two, and Motley took Jerry Keyes for three.

X League standings:

Player	W	L
Geoffrey Newman	37	2
Loyd Wyatt	24	15
Roy Huddleston	19	20
Herb Mook	19	20
Bill Motley	19	20
Herve Derrier	17	19
Bill Foutz	8	19
Jerry Keyes	4	32

Plenty of action in the Y League accounted for little change in league standings. Gordon Brewer won two sets from Al Norris. Ed Gambill moved up within spitting distance of the lead, with a three point win over Fred Wetzel and Rokuro Oyamada. Bob Coveyou downed Francois Kertesz for three, Paul Kasten for two. Wetzel took two from Coveyou. Kertesz won a forfeit win from Bob Brown.

Y League standings:

Team	W	L
Gordon Brewer	30	9
Ed Gambill	31	11
Bob Coveyou	28	11
Paul Kasten	24	13
Al Norris	26	16
Fred Wetzel	16	20
Rokuro Oyamada	14	22
Francois Kertesz	12	30
Art Weinberger	9	16
Bob Brown	0	36

Z action saw Bill Smith best Dave Allen and Bill Hackett, both for the full count. Ken Toth took A. B. Meservey for two . . . Joe Lewin won three from Dave Allen.

Bill Hackett defeated Winfred Collins, Allen, both for three games. Meservey downed Hackett for two.

Z League standings:

Player	W	L
Bill Smith	38	1
Ken Toth	17	4
Joe Lewin	21	12
Bill Hackett	22	14
A. B. Meservey	22	14
Tudor Boyd	6	15
Dave Allen	6	30
Winfred Collins	0	39

A CASE OF ILLNESS

Personnel man to prospective secretary, "I'm sorry, Miss, you haven't filled out your form completely."

"Well, you see it's like this, I've been sick."

Four Volleyball Teams Undeclared

Four teams still claim unspotted records in the season's second half of the Volleyball League, as the Y-12 Beavers and Neophytes and the Old Men from ORNL, and the Dirty Half-Dozen from K-25 all sport 12 win, no loss records.

Action began last week on Court A with the K-25 Hawks downing the Naughts 15-6, 15-5, 15-12 . . . the Naughts taking game three 15-9. The Dirty Half-Dozen downed the Charley Browns 15-1, 15-5, 15-6, and 15-7. The Old Men ousted the Mountaineers 15-8, 15-5, 15-7, and 15-7.

On Court B, the Ecobums edged by the Set Ups 16-14, 15-6, and 15-6 . . . while the 'Bums took game two 15-8. The Neophytes nailed the K-25 Gashouse Gang 15-13, 15-4, 15-3, and 15-12. And finally, Y-12's big Beavers bested the Mix Ups 15-1, 15-8, 15-1, and 15-3.

League standings follow:

Team	W	L
Beavers, Y-12	12	0
Neophytes, Y-12	12	0
Old Men, ORNL	12	0
Dirty Half Dozen, K-25	12	0
Ecobums, ORNL	11	1
Mountaineers, Y-12	4	8
Set Ups, ORNL	4	8
K-25 Hawks	4	8
Naughts, ORNL	1	11
Charley Browns, ORNL	0	12
K-25 Gashouse Gang	0	12
K-25 Mix Ups	0	12

The Bulletin

Published Weekly For The
Y-12 Employees Of
UNION CARBIDE
CORPORATION



NUCLEAR DIVISION

JAMES A. YOUNG Editor

Member Appalachian Industrial Editor's Association

American Association Industrial Editors

OFFICE
Post Office Box Y
Oak Ridge, Tenn. 37830
Telephone 3-7100

Recreation



Monday, March 25

BOWLING: C League, 5:45 p.m. Ark Lanes.

TABLE TENNIS: 7 p.m. Oak Ridge Wildcat's Den.

PHYSICAL FITNESS: (For Women): 7:30 p.m., Oak Ridge High School Girls' Gym.

BASKETBALL: Beginning 6:30 p.m. Oak Ridge High School Gym. Eagles vs. Health Physics; TK's vs. Radioisotopes; Chargers vs. Sharp Shots.

Tuesday, March 26

PHYSICAL FITNESS: (For Men): 7:30 p.m., Oak Ridge High School Gym.

Wednesday, March 27

BOWLING: Mixed League, 8 p.m. Ark Lanes.

Thursday, March 28

BOWLING: Classic League, 5:45 p.m. Ark Lanes.

VOLLEYBALL: Beginning 6:30 p.m. Oak Ridge High School Gym. Court A: Charley Browns vs. Ecobums; Neophytes vs. Mountaineers; Dirty Half-Dozen vs. Beavers. Court B: Old Men vs. K-25 Hawks; Mix Ups vs. Naughts; K-25 Gashouse Gang vs. Set Ups.

BADMINTON: Informal Play, employees and spouses, 7:30 p.m., Jefferson Junior High School.

Technical Flings Last Fling Before Spring

'Last fling before Spring' Technical called it. Their swinging party into Spring was held Saturday, March 9, at the Holiday Inn.

The buffet dinner, dance brought out a multitude of folks. The division always has good parties, and this one proved no exception, albeit a little crowded here and there, according to reports.

Next door are some photographs of the happy celebrants.

Roses 'N Thorns Take Mixed Lead

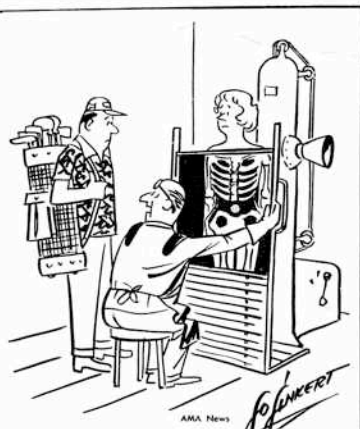
With the final wire now in sight, the Y-12 Mixed Bowling League got down to bare knuckles last week. The Roses 'N Thorns took over the lead, rolling three points over the Rollers; the McSprays moved up to tie the Hits & Misses, taking them for three points also. The Rollers rolled three over the Goofers, and the Twisters tore four away from the Alley Cats.

Spence Ferguson, Twisters, rolled a 221 single game, boosted to a 253 handicap single. C. C. Roberts, Hits & Misses, rolled series of 530 scratch, 632 handicap. Barbara Hackett, Roses 'N Thorns, rolled singles of 179 scratch, 222 handicap. Lou Sahr, Twisters, took a series of 468 scratch, 579 handicap.

The Roses 'N Thorns rolled a single game of 640 scratch . . . and the Twisters put a 794 handicap single on the racks. The Twisters rolled high series . . . 1871 scratch, 2342 handicap.

League standings follow:

Team	W	L
Roses 'N Thorns	29	19
Hits & Misses	28	20
McSprays	28	20
Rollers	25	23
Mustangs	24	24
Twisters	23	25
Goofers	21	27
Alley Cats	14	34



"I agree with your wife. It's unplayable."



IN TOTAL ISOLATION to speed recovery from severe illness or surgery, this patient must receive everything he needs in his "Life Island" through ultra-violet locks, which bar all infection. "Life Islands" are demonstrated on the "Can We Live to Be One Hundred?" broadcast of 'The 21st Century' series, Sunday, March 24, 6 p.m., EST in color over the CBS Television network. The program is carried locally by WBIR-TV, Channel 10. Here the nurse at the National Institute of Health's Clinical Center, Bethesda, Maryland, is passing the patient a jar which has been sterilized and double-wrapped for easier handling with forceps. The door will be closed, and after the jar has been exposed to ultra-violet light, an inside door will be opened so the patient can receive it.

'Can We Live To Be One Hundred?' Title For 21st Century Telecast, March 24

Will man someday live for five score years, or is his lifetime limited to the Biblical age of three score and ten? Medical researchers who are making rapid progress against killer diseases — heart, cancer, shock — believe that these advances can mean longer life for most people.

Today's research and future plans in mankind's relentless pursuit of a longer life will be reported on "The 21st Century" in the broadcast "Can We Live To Be One Hundred?" Sunday, March 24, 6:00 p.m., EST, in color on the CBS Television Network. CBS News Correspondent Walter Cronkite is principal reporter for the series, which is sponsored in the public interest by Union Carbide Corporation.

The problems mankind will face in trying to live to be one hundred will be discussed by Dr. Christian Barnard of Groote Schuur Hospital, Cape Town, South Africa, who performed the first human heart transplant; and Dr. Adrian Kantrowitz, Maimonides Medical Center, Brooklyn, New York, another pioneer in heart transplant surgery.

Research to determine what the aging process actually is will be seen at The Institute of Gerontology in Kiev, Russia. The Soviet Union's interest in geriatrics, the study of aging, is sparked by the longevity of its people. In the Soviet state of Azerbaijan, a 1959 census revealed 4,000 persons 100 years old, or older.

"Will We Live To Be One Hundred?" will highlight research programs which are adding daily to man's arsenal in his fight for a longer life.

Shock — sudden disturbances that upset the biochemical processes of the body — kills an estimated 90 percent of its victims in severe cases. Research to find out what causes shock and how it is cured will be seen at Los Angeles County General Hospital, where the most advanced electronic equipment is being used to gather information on this killer.

Viewers will see the shadowy image of a suspected leukemia virus magnified 160,000 times by an electron microscope at the Pfizer Laboratories in Maywood,

New Jersey. In addition to leukemia research, "life island" research will be seen. "Life islands" offer new hope for prolongation of life by providing patients with a germ-free atmosphere in which to recover from serious diseases or surgery.

Cryosurgery, the use of super cold in medicine, will be seen in the successful treatment of a patient suffering from Parkinson's Disease at St. Barnabas Hospital in New York City. The disease cripples the nervous system and brain centers that control movement. A cryo-probe will be used to destroy diseased brain tissue by instant freezing rather than by cutting. The equipment was designed, developed and built by Union Carbide Corporation.

"Can We Live To Be One Hundred?" was directed by Jonathan Donald, and written by Fred Warshofsky, Science Editor for the series. Isaac Kleinerman is Producer, and Burton Benjamin, Executive Producer. "The 21st Century" is a production of CBS News. The program is carried locally by WBIR-TV, Channel 10.



Car pool member wanted from East Village, Oak Ridge, to North or Central Portal, straight day. Shirley Kirkwood, plant phone 3-7169, home phone Oak Ridge 483-5134.

Ride wanted from 400 East Tennessee Avenue, Oak Ridge, to North Portal, straight day. Sharon Clapp, extension 3-7133.

Will join car pool from vicinity of Delaware and Florida Avenues, Oak Ridge, to Bear Creek Portal, straight day. J. F. Maneschmidt, plant phone 3-5486, home phone Oak Ridge 483-1563.

Riders wanted from South Knoxville, Chapman Highway or Oak Ridge Highway, to any portal, straight day. Ed Cook, plant phone 3-5445, or home phone Knoxville 577-4786.

Eagles Slip Into Classic Alley Lead

The Eagles edged into a scant lead in the Classic Bowling circles last week with a four point win over the All Stars. Other big sweeps went to the Tigers past the Splinters and the Eightballs over the Screwballs.

The Rippers gained a three-point victory over the Playboys, the Pinbusters calmed the Cubs, and the Rebels routed the Smelters. The Bumpers and Swingsters and the Has Beens and Markers all shared two each.

James R. Davis, Tigers, rolled a 239 single scratch game . . . a 271 handicap single! J. W. Halsey, Bumpers, rolled series of 643 scratch, 697 handicap.

The Tigers took singles honors . . . scratch of 979 and handicap of 1121. The Bumpers were best in series, scratch counting, with 2686 . . . while the Tigers returned to the boards with 3100!

League standings follow:

Team	W	L
Eagles	31	17
Rippers	30½	17½
Pinbusters	29½	18½
Bumpers	29	19
Swingsters	28	20
Tigers	26	22
All Stars	25½	22½
Markers	25½	22½
Playboys	24	24
Eightballs	24	24
Rebels	23	25
Has Beens	22½	25½
Splinters	20½	27½
Cubs	16	32
Smelters	15	33
Screwballs	14	34

Badgers, Rounders Tie In C Race

The Badgers and Rounders are locked in tie for top grasp of the C Bowling League after three-point wins over victims. The Badgers got theirs at the expense of the HiLifers while the Rounders rallied past the Fireballs.

A four point win boosted the Sunflowers up as they sailed past the Parbusters. Other three-pointers went to the Big Five by the Royal Flush and the Rodders round the Rollmasters. The Invalids and King Pins shared two.

Norm Jarvis, Big Five, rolled a 235 single game. Hubert Presley, King Pins, posted a 250 handicap single. Norm returned to the boards with a new high . . . 685 scratch series . . . 706 handicap series!

The Fireballs fell the most pins in singles . . . 914 scratch, 1061 handicap. The Big Five rolled a 2616 scratch series, and the King Pins clipped off a 2974 handicap series.

League standings follow:

Team	W	L
Badgers	27	13
Rounders	27	13
Sunflowers	26	14
Parbusters	25	15
King Pins	21	19
Big Five	20	20
HiLifers	20	20
Rodders	18	22
Rollmasters	16	24
Royal Flush	14	26
Invalids	14	26
Fireballs	12	28

Indian Point Uranium Is Readied For Shipment

The Oak Ridge Gaseous Diffusion Plant is presently shipping a \$5,158,855 order of enriched uranium for use in the Indian Point Station, Unit 2, reactor at Indian Point, New York.

C. A. Keller, Director of the Production Division for the AEC's Oak Ridge Operations, said the order, representing 105,450 pounds of uranium hexafluoride enriched to 2.2 per cent in uranium-235, is being shipped to the Nuclear Fuel Services Plant at Erwin, Tennessee, for processing.

The nuclear material will later be fabricated into fuel elements by Westinghouse Electric Corporation at its Pittsburgh facility.

The Indian Point Station, Unit



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NUCLEAR DIVISION
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'Spring has come up from the South again,' as the poet said. Also coming up are important landmarks for several Y-12ers observing important dates with Union Carbide. Congratulations.

20 YEARS

Simuel J. Hudgins, Utilities Administration, March 25.

Carl S. Melton, Alpha Five Processing, March 25.

15 YEARS

Jerome Cogswell, Beta Four Forming, March 20.

Brandt Kuperstock, Instrument Engineering, March 23.

Johnnie L. Riddle, Beta Two Shop, March 23.

William C. Ward, Process Maintenance, March 23.

Left-Hand Turns Taboo At Portals

Effective immediately no left-hand turns may be made into the portals from Bear Creek Road for travelers going west from 4:30 until 5 p.m.

Only Bear Creek Portal, the most westerly of the parking lots will permit left-hand turns into the parking lots. Wives coming to the plant to pick up their husbands during this half-hour period are advised to motor on down to Bear Creek Portal, where such turns are allowed. You can turn around there, and come back east and turn right into whichever portal in Y-12 you need to go to.

Signs have been installed prohibiting these turns.

Constant studies are being made to improve the driving and parking situations in the parking areas.

The Safety Department again requests that riders be picked up only in designated pick-up areas. Too many employees are still picking up riders in no-pick-up areas. This impedes the man behind you, and is hazardous as well. The same goes for the disembarkation of passengers. Wait until the driver pulls into a parking lane before you get out. Some riders still insist on getting out nearer the gate.

Plans are near completion for the addition of another out-going lane of traffic to relieve the 4:30 rush.

2, reactor, which is being built by Westinghouse for Consolidated Edison Company of New York, is expected to be in operation in 1969.

TO ERR IS HUMAN

The best definition we've seen of an expert is "one who avoids the small errors as he sweeps to the final big mistake."

Upton To Speak To HP Society

Dr. Arthur C. Upton, noted pathologist and authority in the field of radiation effects, will be the speaker for the March 25 meeting of the East Tennessee Chapter of the Health Physics Society at the Oak Ridge Country Club.

Upton is a native of Michigan where he received his MD in 1946. He served as a research pathologist at the University of Michigan Medical School from 1948 to 1950 and was appointed an instructor in 1950. In 1951, he joined the Biology Division of the Oak Ridge National Laboratory as a pathologist and has remained there since that time.

In addition to his fundamental scientific contributions, Upton has also been active in the solution of the practical problems of radiation safety. He has served on national and international committees concerned with establishing the standards of occupational radiation exposure and with the application of fundamental scientific knowledge to the problems of radiation protection.

Upton is a member of numerous national and international organizations and societies including the American Association for the Advancement of Science, the Radiation Research Society, the Society for Experimental Pathology, the Society for Experimental Biology, the Association for Cancer Research, and the American Medical Association.

The subject for Upton's talk will be "Differential Tissue Sensitivity in Radiation Protection."

The program will begin at 7:30 p.m. with a social hour and dinner preceding the technical session. The program will be moderated by C. S. Shoup.

Assembly's Hoy

Continued from Page 1
vide to the researcher and technician in high energy research a cross section of experience and knowledge of associated electrical hazards and the necessary safeguards for protection against electrical injury and accident from the unusual type of high energy electrical apparatus used in research. As you already know, the electrical safety guides will be of great value, not only to AEC, but to the entire scientific community working in high energy research. You may be justly proud of your contribution to this publication and the advancement of safety in research."

Hoy transferred from the Health Physics Division of ORNL to Y-12 January 1, 1968. He had previously been in Y-12 from June 16, 1947 until November 1, 1950. He had also worked as an electrical foreman in Y-12 from 1943 until 1946.

The handsomely bound citation was dated February 5, 1968.

Security must be a daily concern.